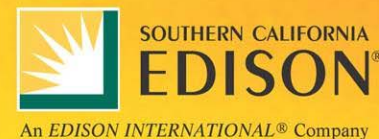




SCE New Solar Homes Partnership Program Update

April 03, 2009



FOR OVER 100 YEARS...LIFE. POWERED BY EDISON.

SCE Program Statistics

- Over 1,200 Solar Sites in NSHP
- 10 Withdrawn projects
- Over 50% of applications are “Reservation Approved”
- Over 50% of Custom Homes do not meet CANHP requirements due to lack of Positive Electric Savings

Applicant Concerns / Issues: Reservations

- Need to simplify Reservation Documentation
- Too many parties involved:
 - Builder
 - Homeowner / Developer
 - Installer
 - CEPE
 - HERS Raters

Applicant Concerns / Issues: Reservations (Cont'd)

- Plan Checks
- Different Raters between PV measures vs. EE measures

Applicant Concerns / Issues: Payment Claims

- HERS Verification Complications
- Installer Lack of Program Experience
- Multiple HERS raters – EE vs. PV
- HERS Rater Concern:
 - Lack of Communication for Custom Homes

Marketing / Outreach

- SCE NSHP Currently Combining Efforts with CANHP:
 - Outreach to Builders and Developers
 - Currently No NSHP Marketing Dollars

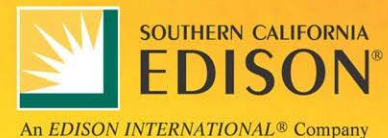
Installer Training

- Working in Conjunction with the CEC for Training
 - SCE Facilities
 - WebEx
- SCE NSHP Team Frequently Calls Applicants on Program Requirements and Updates



SCE California New Homes Program (CANHP)

April 03, 2009

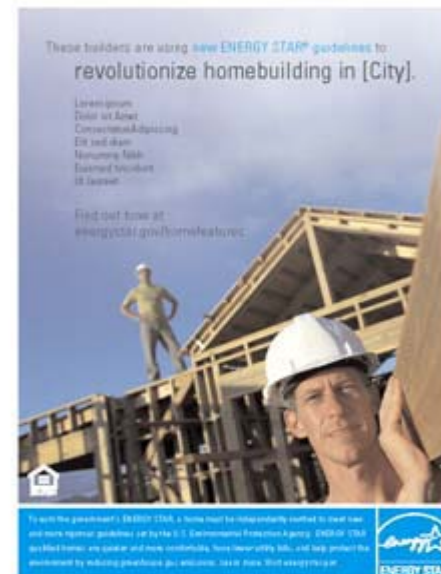


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California New Homes Program

SCE's California New Homes Program (CANHP) is designed to encourage the incorporation of energy efficiency into residential new construction. The primary objectives of CANHP are to:

- Encourage the building of quality, energy efficient new homes
- Reduce peak electric demand
- Reduce greenhouse gas CO₂ emissions
- Establish supportive partnerships with:
 - California builders
 - CEC's New Solar Homes Partnership (NSHP)
 - EPA's ENERGY STAR® New Homes Program
 - California's investor owned utilities
 - All California green building programs



ENERGY STAR Qualified Homes
Full Page 2007 Template Option 1

California New Homes Program

General Building Requirements

- New construction home
- SCE service territory
- Exceed 2005 Title 24 standards by minimum of 15%
- Positive electric savings

California New Homes Program

Two Options for Participation

- **Performance Method:** Provides incentives for new homes that are at least 15% more energy efficient than required by the 2005 Title 24 standards.
- **Prescriptive Method:** Customized energy efficiency features such as ENERGY STAR appliances, tight ducts, and high efficacy lighting.

**** Program is open to interested homebuilders of all production volumes ****

Current Incentive Structure

Single-Family Performance Method Incentive Levels for 2009 (Bridge Funding)

<u>Performance Option</u> (% > T24)	<u>Participation Option</u>	<u>Incentives</u>
15% (Tier I)	NSHP Code Plus or ENERGY STAR	\$400 – Coastal \$500 – Inland
20%	ENERGY STAR only	\$700 – Inland only
35% (Tier II) Solar Required	NSHP Code Plus or ENERGY STAR	\$2,000

Current Incentive Structure

Multi-Family Performance Method Incentive Levels for 2009 (Bridge Funding)

<u>Performance Option</u> (% > T24)	<u>Participation Option</u>	<u>Incentives</u>
15% (Tier I)	NSHP Code Plus or ENERGY STAR	\$150 – Coastal \$200 – Inland
20%	NSHP Code Plus or ENERGY STAR	\$275 – Inland only
35% (Tier II) Calculated Incentive	NSHP Code-plus or ENERGY STAR	\$1.00 per kWh \$50.00 per kW \$4.00 per Therm

Current Incentive Structure

Prescriptive Method Incentive Levels for 2009 (Bridge Funding)

- ENERGY STAR dishwasher - \$30 / unit
- ENERGY STAR clothes washer - \$35 / unit
- ENERGY STAR refrigerator - \$50 / unit
- QII - \$150 / unit (SF), \$50 / unit (MF)
- Refrigerant charge assessment - \$130 / unit
- Pool pump - \$200 / unit
- High efficacy lighting - \$10 / fixture
- Tight ducts - \$175 / unit (SF), \$50 / unit (MF)



**** Projects may be eligible to receive both Prescriptive and Performance incentives ****

Program Eligibility Requirements

- Build out completed, and incentive request submitted to SCE within 30 months from date of acceptance letter
- Field verification performed and approved by HERS Rater in accordance with CEC guidelines
- No “double-dipping”, or receiving duplicative EE incentives from any other publicly funded source
- Incentives awarded on a first-come, first-serve basis, subject to funding availability

Program Eligibility Requirements

SCE notified in writing prior to construction of any changes to project, including those that affect:

- Number of units / change in plan mix
- Square footage
- Performance / incentive levels
- HERS rating / energy use
- Build out schedule / completion date
- Addition / removal of plan types

Program Benefits to Builders

Marketing and Outreach

- Marketing dollars to use for marketing support opportunities (5% of incentive for ENERGY STAR, 2% for Code Plus)
- Program website that directs buyers to homebuilder website
- Consumer outreach during home shows and homebuilder events
- New home development grand opening support
- Includes use of the ENERGY STAR mobile education unit
- Quarterly Program Newsletter that spotlights featured builders

Program Benefits to Builders

Training

- Sales staff training courses on how to incorporate ENERGY STAR messages into the sales process
- Technical workshops on building to ENERGY STAR specifications and cost-effective, construction practices

Program Benefits to Builders

Technical Support

- CANHP continues to implement a comprehensive eligibility review and verification process to ensure:
 - Homes meet NSHP and/or ENERGY STAR specifications
 - Home Energy System Raters (HERS) are following Residential Energy Services Network (RESNET) standards
 - Appropriate measures are utilized to build quality, energy efficient homes

Program Benefits to Builders

Builder Support

- Customized account management and reporting
- Quarterly in-person meetings with all stakeholders to review projects, identify deliverables, establish timelines, and designate action items
- Improved correspondence related to project status, payment information, expiration notices, etc.
- Open line of communication between all stakeholders
- One-week turnaround for review / submission of payment requests to A/P*

** Provided that incentive submission is complete and accurate*

Discussion

Questions or Comments?

Program Contact Information

CANHP WEBSITE:

www.sce.com/builder

CANHP Program Manager

John Morton

(626) 633-3466

John.Morton@sce.com

NSHP Program Manager

Gerry Castro

(626) 815-5612

Gerry.Castro@sce.com

NHSP WEBSITE:

www.gosolarcalifornia.org